

Title (en)
Laser oscillator

Title (de)
Laseroszillator

Title (fr)
Oscillateur laser

Publication
EP 1335459 A3 20051221 (EN)

Application
EP 02259000 A 20021227

Priority
JP 2001400096 A 20011228

Abstract (en)
[origin: US2003128732A1] A laser oscillator comprises a laser medium, an optical excitation laser diode that irradiates the laser medium with light, a polarizer disposed on an optical path of the laser medium at a first end thereof, a first Porro prism disposed with the optical path coinciding with a point on a ridgeline thereof and with the ridgeline parallel or perpendicular to a plane of incidence of the polarizer, and a second Porro prism disposed on the optical path of the laser medium at a second end thereof with the optical path coinciding with a point on a ridgeline thereof. An angle formed by the two ridgelines of the first and second Porro prisms is a predetermined angle other than 0 degrees, 90 degrees, 60 degrees, 45 degrees and 36 degrees, 30 degrees.

IPC 1-7
H01S 3/08

IPC 8 full level
G02B 5/04 (2006.01); **H01S 3/08** (2006.01); **H01S 3/094** (2006.01); **H01S 3/107** (2006.01); **H01S 3/06** (2006.01); **H01S 3/0941** (2006.01); **H01S 3/11** (2006.01); **H01S 3/113** (2006.01); **H01S 3/115** (2006.01)

CPC (source: EP US)
H01S 3/08059 (2013.01 - EP US); **H01S 3/0602** (2013.01 - EP US); **H01S 3/08004** (2013.01 - EP US); **H01S 3/08045** (2013.01 - EP US); **H01S 3/094003** (2013.01 - EP US); **H01S 3/094084** (2013.01 - EP US); **H01S 3/0941** (2013.01 - EP US); **H01S 3/115** (2013.01 - EP US); **H01S 3/117** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)
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